

Patent Abstracts of Japan

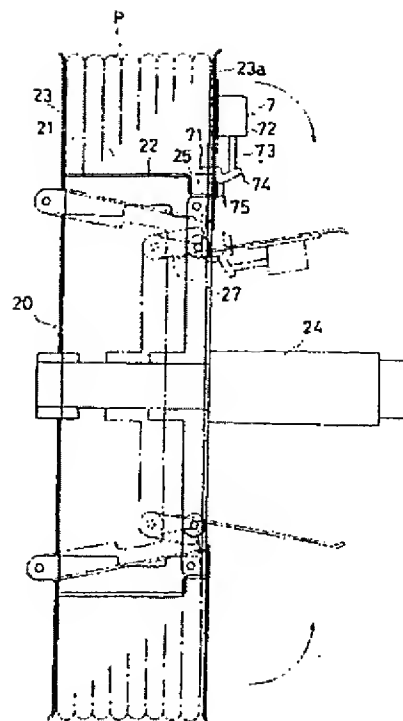
PUBLICATION NUMBER : 62275980
PUBLICATION DATE : 30-11-87
APPLICATION DATE : 23-05-86
APPLICATION NUMBER : 61119695

APPLICANT : SAKATA TEKKOSHO:KK;

INVENTOR : SAKATA HISAJI;

INT.CL. : B65H 75/14 B65H 54/553

TITLE : PIPE WINDING DRUM



ABSTRACT : PURPOSE: To efficiently carry out the winding operation of a pipe by providing a moving means for removing a pipe wound up on a winding drum on one side board, a groove for inserting one end of a pipe to be wound on the outer peripheral face of a winding shaft, and a stopping means for stopping one end of said pipe.

CONSTITUTION: When a conduit pipe P from an extruder is inserted into a groove 25 formed on the winding shaft 22 of a winding drum 20, the cylinder rod 73 of a chuck device 7 pulls up a connecting arm 74 to fix the pipe P with a claw part 71, starting winding. Then, the winding drum 20 on which the conduit pipe P is wound up is moved to a binding position, a cut-off conduit pipe P is bound in a defined position and, then, the collapsible side board 23a of the winding drum 20 falls on a pipe bundle removing side via a link mechanism 27 by the action of a cylinder 24 while, at the same time, the claw part 71 of the chuck device 7 is also pulled out, and the pipe bundle of the bound conduit pipe P is pushed out frontward by a push-out cylinder. Thereby, the winding operation of a pipe can be efficiently carried out.

COPYRIGHT: (C)1987,JPO&Japio

ref. GLP R 2 - 7 2 1 9